L 22513-65
ACCESSION NR: AR4039965 S/0299/64/000/009/B025/B025

SOURCE: Ref. zh. Biol. Sv. t., Abs. 9B187

AUTHOR: Abramova, N. V.; Migalina, V. P.

TITLE: Chromatographic investigation of antibiotic substances of Actinomyces longisporus Ruber strain 1618

CITED SOURCE: Tr. In-ta mikrobiol. i virusol. AN KazSSR, v. 7, 1963, 137-146

TOPIC TAGS: actinomycetes, Actinomyces longisporus Ruber, antibiotic, chromatography

TRANSLATION: Act. longisporus Ruber strain 1618 forms two antibiotic substances, a red one and a white one. According to spot [illegible] the white one is similar to the antibiotic fumarin. [illegible] Resume.

SUB CODE: LS ENCL: 00

Card 1/1

ABRAMOVA, O.G. [Abramova, O.H.]

Histogenesis of the thyroid gland and the anterior part of the hypophysis in bronze turkeys. Visnyk Kyiv.un. no.1. Ser.biol. no.2:107-112 '58. (MIRA 16:4)
(THYROID GLAND) (PITUITARY BODY) (EMBRYOLOGY--BIRDS)

POPOV, S.D., vrach; ABRAMOVA, O.I., operatsionnaya sestra; MELESHCHENKO, A.M., operatsionnaya sestra (Leningrad)

Device for rewinding surgical silk thread. Med.sestra 21 no.12:49-50 D '62. (MIRA 16:4)
(SURGICAL INSTRUMENTS AND APPARATUS)

FERDINAND, Ya.M. (Rostov-na-Donu); Prinimali uchastiye: MARISOVA, A.P.; BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA, I.L.; TELESHEVSKAYA, E.A.; SOBOLEVA, S.V.; KALININA, K.I.; KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.; MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.; GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFEYEVA, V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.; PETROVA, Z.I.; MAKHLINOVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.; MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO, N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEMESHEVA, Ye.D.; BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine against typhoid and paratyphoid B fever in school-age children. Zhur. mikrobiol., epid. i immun. 41 no.1:23-27 Ja '64.
(MIRA 18:2)

USSR / Human and Animal Physiology. Thermoregulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41105.

Author : Aliverdiyev, A.A.; Abramova, O.M.; Allakhverdiyev, I.I.

Inst : Institute of Animal Husbandry, Dagestan Branch AS USSR.

Title : Temperature, Pulse and Respiration of Newborn Lambs.

Orig Pub: Tr. In-ta Zhivotnovodstva, Dagestansk. fil. AN SSSR, 1956, 3, 92-95.

Abstract: Measurement of body T°, pulse, and respiration rate were carried out at the time of birth and, later within 30 minutes, 2 and 6 hours; they were carried out during the following 10-12 days- morning and night. During the first hours of life only slight fluctuation of T° were noted; the T° of the newborn lambs was, as expected, higher than in adult sheep,

Card 1/2

USSR / Human and Animal Physiology. Thermoregulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41105.

Abstract: but did not exceed 41°C. The hour of the day and the T° of the air of the environment did not have any effect on body T°, which proves the existance of the ability of thermoregulation in lambs already at birth. The pulse and respiration rate was subject to extreme fluctuations during the first 2 days and was 3 times the rate of adult sheep; in the following 10-15 days, it was twice the rate of adults. The increase of the pulse and respiration rate in newborn lambs appears to represent an adaptation act, the purpose of which is to increase metabolism and heat production. -- R. I. Polikanina.

Card 2/2

ABRAMOVA, O. M. Cand Agr Sci -- ~~xdxxxx~~ (diss) "The Effect of Various ~~Doses~~ Rations of Ensilaged ~~Maize~~ Corn on the Productivity of Cows, Composition of Milk and Quality of Cheese." Mos, 1957. 21 pp 20 cm. (Mos Order of Lenin Agricultural Academy im K. A. Timiryazev), 110 copies (KL, 26-57, 110)

USSR / Farm Animals. Cattle.

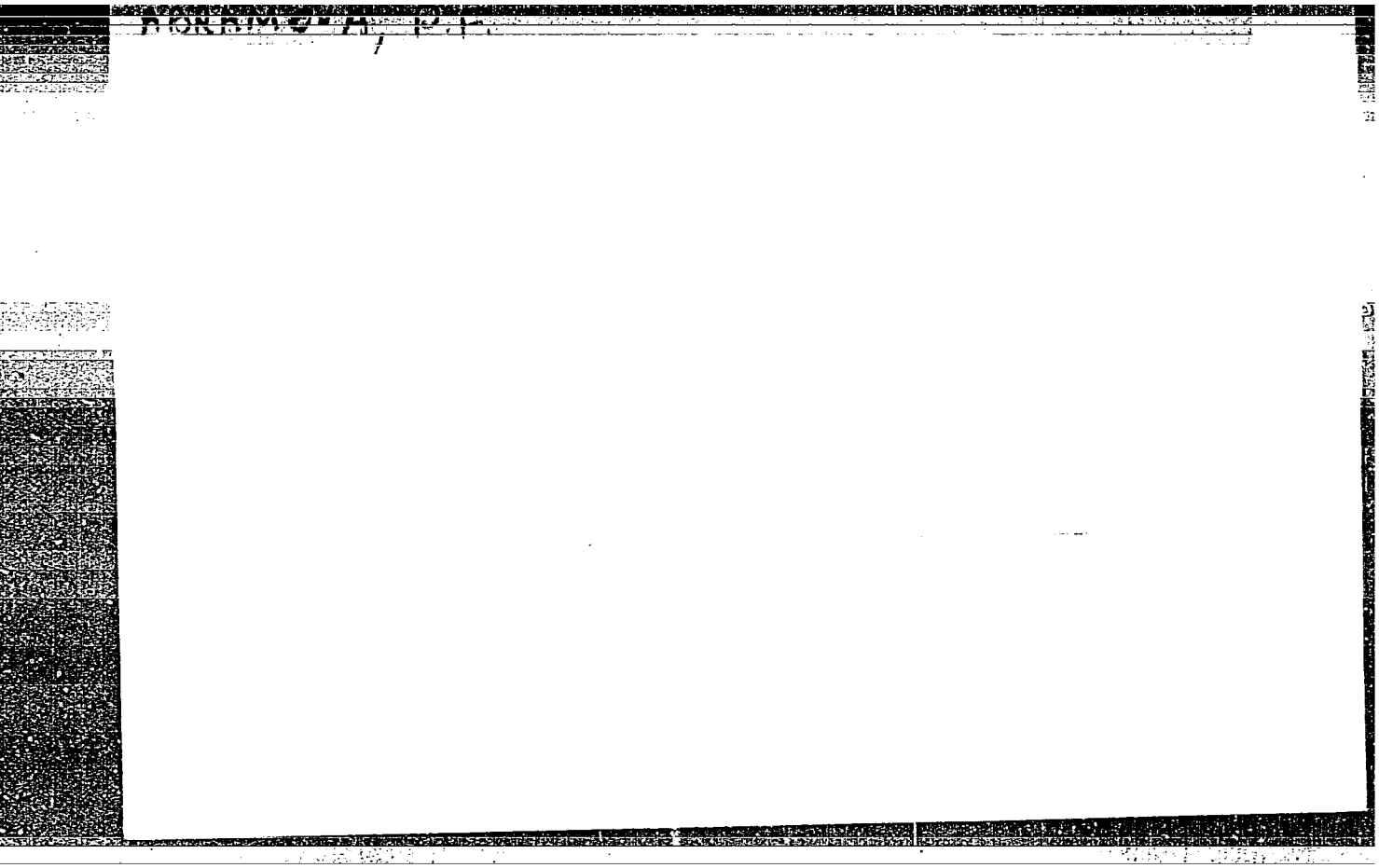
Abs Jour: Ref Zhur-Biol., No 9, 1958, 40438.

Author : Abramova O. M.
Inst : Not given.
Title : The Effect of the Feeding of Corn Silage Upon the Quality of Milk and Cheese.

Orig Pub: Izv. Timiryazevsk. s.-kh. akad., 1957, No 2, 201-206.

Abstract: A slight decrease of the amount of fat, protein, and calcium in the milk of cows receiving increased rations of corn silage was noticed. No negative influence of silage on the technological properties of milk in the production of cheese (of the Yaroslavskiy type) was observed.

Card 1/1 26



ABRAMOVA, P. N.

33478. Slabitel'nyye Svoystva Vetvistogo Podorazhnika. Med. Prom-st' Sssr, 1949, No 5, C. 30-32

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

ABRAMOVA, P.N.

The laxative properties of roadside weeds. Gyogyszeresz 6 no. 8:186-187 1 Aug. 1951. (CLML 23:5)

1. All-Union Pharmaceutical Scientific-Research Institute imeni Ordzhonikidze.

1. ABRAMOVA, P. N.

2. USSR (600)

4. Pharmacology

7. Biological evaluation of digalen-neo. Apt.delo no.5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ABRAMOVA, P.N.

Stability of standard preparations of Adonis, Digitalis, and Convallaria applied for biological evaluation. Aptech. delo, Moskva 2 no.5:45-48 Sept-Oct 1953. (CLML 25:5)

1. Of the Department of Pharmacology (Head -- Prof. M. D. Mashkovskiy) of the All-Union Scientific-Research Pharmaceutic Chemistry Institute imeni Sergo Ordzhonikidze (Director -- Prof. M. V. Rubtsov), Ministry of Public Health USSR.

Abramova, P.N.

ABRAMOVA, P.N. mladshiy nauchnyy sotrudnik.

Biological evaluation of Corvallaria majalis preparations by intracardiac administration. Apt. delo. 4 no. 6:18-21 N-D '55. (MLRA 9:1)

1. Iz laboratorii biokontrolya otdela farmakologii (zav.-prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze Ministerstva zdravookhraneniya SSSR.

(PLANTS,
corvallaria majalis prep., eff., intracaradiac admin. in animals)
(HEART, effect of drugs on,
Corvallaria majalis prep., intracardiac admin. in animals)

АБРАМОВА, П.Н.

USSR/Pharmacology. Pharmacognosy. Toxicology - Analgesics. T-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71671

Author : Mashkovskiy, M.D., Abramova, P.N.
Inst :
Title : Pharmacological Properties of Isopromedole

Orig Pub : Farmacolog. i Toksokologia, 1956, 19, No 3, 26-32

Abstract : The tests were done on rats, rabbits and dogs. The analgesic action of isopromedole (I) is close in effect to promedole (II). In tests with rats it was shown, that I has a stronger and more prolonged analgesic effect, than II. It was established that the action of I in a concentration of 10^{-5} lowers the muscle tone and reduces the amplitude of contractions, and in 10^{-4} fully relaxes the intestinal muscle of an isolated rabbit intestine. In tests with intact animals using the Nikolayev-S u b b o t i n Method, it was found that in doses of 1 to 3 mg/kg produces a rise in the tonus and an increase

Card 1/2

- 16 -

. USSR/Pharmacology. Pharmacognosy. Toxicology - Analgesics. T-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71671

in the amplitude of intestinal contractions; I in doses of 0.2 to 3 mg/kg causes a rise in the tonus of the uterus with a subsequent weakening. I does not differ from II in toxicity and its spasmolytic effect.

Card 2/2

ABRAMOVA, P.N.

Biological rating of strophantin preparation by intracardiac injection. Apt.delo 6 no.1:25-27 Ja-F '57. (MIRA 10:3)

1. Iz laboratorii biokontrolya otdela farmakologii (zaveduyushchiy - M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(STROPHANTIN)

ABRAMOVA, P.N.

Bioassay of adonis preparations by intracardiac injection. Apt.delo 6 no.6:59-60 N-D '57. (MIRA 10:12)

1. Iz laboratorii biokontrolya (zav. Yu.I.Syrneva) otdela farmakologii (zav. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(CARDIAC GLYCOSIDES)

ABRAMOVA, P.N.

Bioassay of digitalis preparations by intracardiac injection.
Apt.delo 7 no.4:65-68 Jl-Ag '58 (MIRA 11:8)

1. Iz laboratorii biologicheskogo kontrolya (zav. Yu.I. Syrneva) otdela farmakologii (zav. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(DIGITALIS)

SYRNEVA, Yu.I.; ABRAMOVA, P.N.

Data on comparative studies of the activity of crystalline cymarin and a standard liquid Adonis preparation on R. tempraria. Farm.i toks. 23 no.6:521-525 N-D '60. (MIRA 14:3)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.
(ADONIS) (CARDIAC GLYCOSIDES)

ABRAMOVA, P.N.

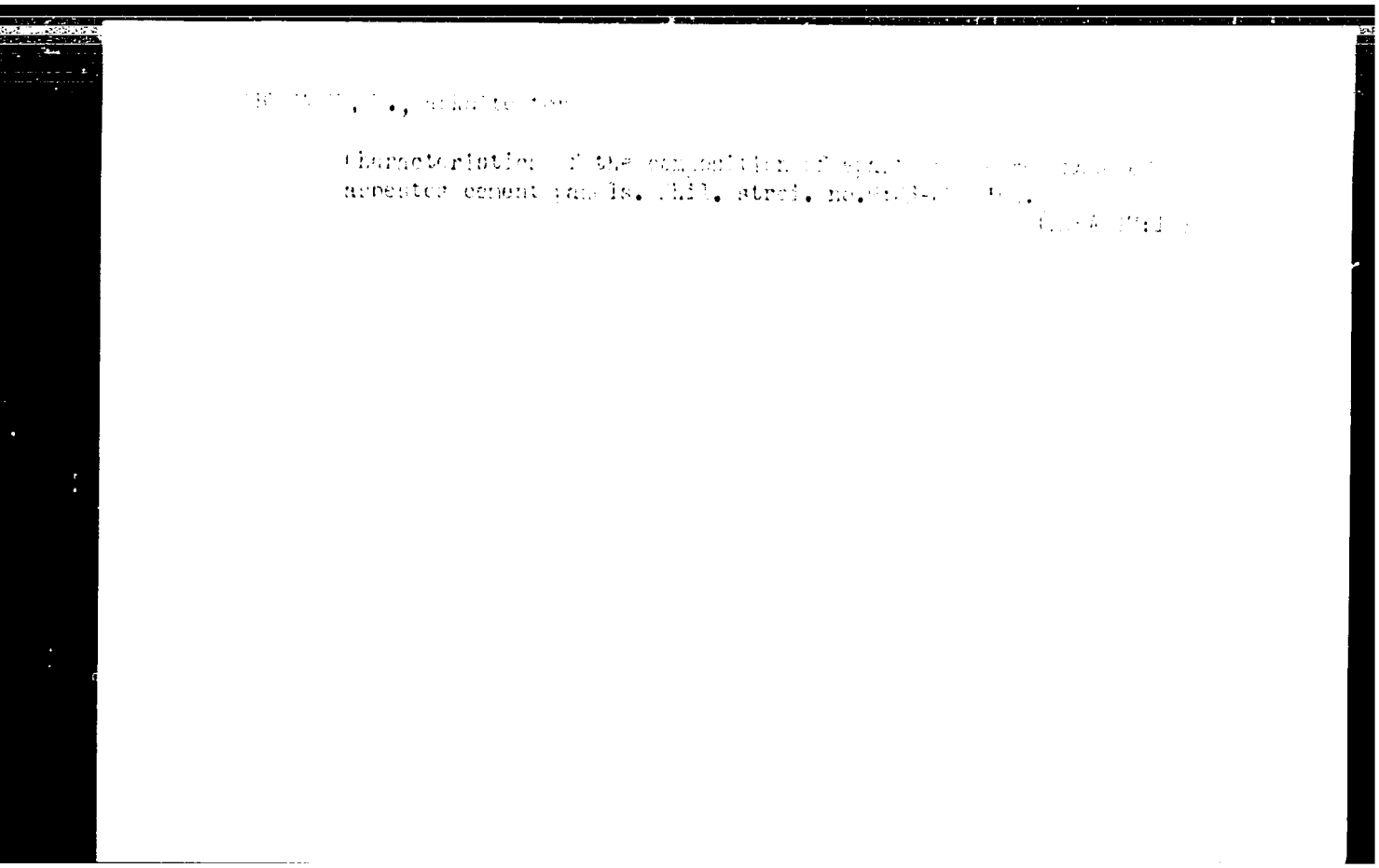
Change in the resistance of the frog, Rana temporaria to cardiac glycosides under the intracardiac method of administration. Apt. delo 10 no. 1:27-29 Ja-F '61. (MIRA 14:2)

1. Laboratorii biokontrolya (zav. Yu.I. Syrneva) otdela farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.
(CARDIAC GLYCOSIDES)

ABRAMOVA, R., arkhitektor

Buildings made of asbestos-cement slabs. Zhil. stroi. no.2: 26-32 '62. (MIRA 16:1)

(Asbestos cement) (Building)



SOV/80-59-1-54/14

AUTHORS: Kutsenko, A.I., Lyubomilov, V.I. and Abramova, N.A.

TITLE: Synthesis of Isodecyl Alcohol and Esters Based on It (Sintez izodetsilovogo spirta i polucheniye slozhnykh efirov na yego osnove)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Nr 1, pp 211-213 (USSR)

ABSTRACT: The di-ester of the adipic acid was tested as a plasticizer for the polyvinyl chloride and found to be suitable for using in industry for the manufacture of hose masticated rubber and other materials. The properties of masticated rubber obtained are presented in the tabular and graphical forms. The masticated rubber with a frost-resisting property of -30°C possesses the specific volume resistance of 3.6×10^{14} Ω.cm, and that with the frost-resisting property of -45°C possesses the specific volume resistance of 5.5×10^{12} Ω.cm.
There are 2 tables, 1 graph and 4 references, 3 of which are Soviet and 1 English.

Card 1/2

Synthesis of Isodecyl Alcohol and Esters Based on It SOV/80-59-1-34/44

ASSOCIATION: Laboratoriya organicheskogo sinteza Nauchno-issledovatel'skogo instituta plastmass (Laboratory of Organic Synthesis of the Scientific Research Institute for Plastics)

SUBMITTED: May 30, 1957

Card 2/2

ADUNTS, G.T.; ABRAMOVA, R.A.

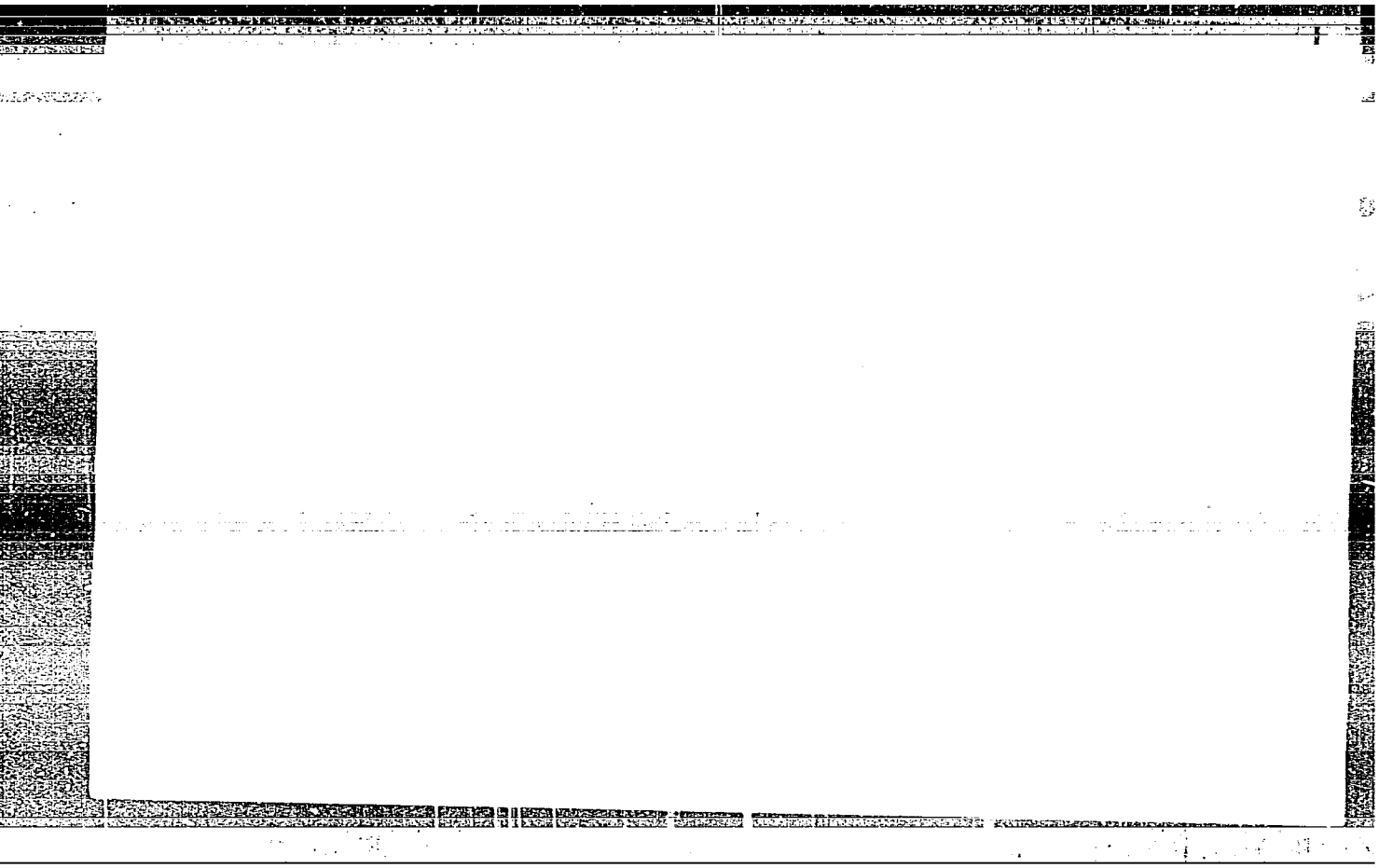
Effect of pain on the functional activity of alkaline phosphatase in the kidneys of white rats. Izv. AN Arm. SSR. Biol. nauki 17 no.2: 21-32 F '64. (MIRA 17:8)

1. Institut biokhimii AN Armyanskoy SSR.

ABRAMOVA, R. A.

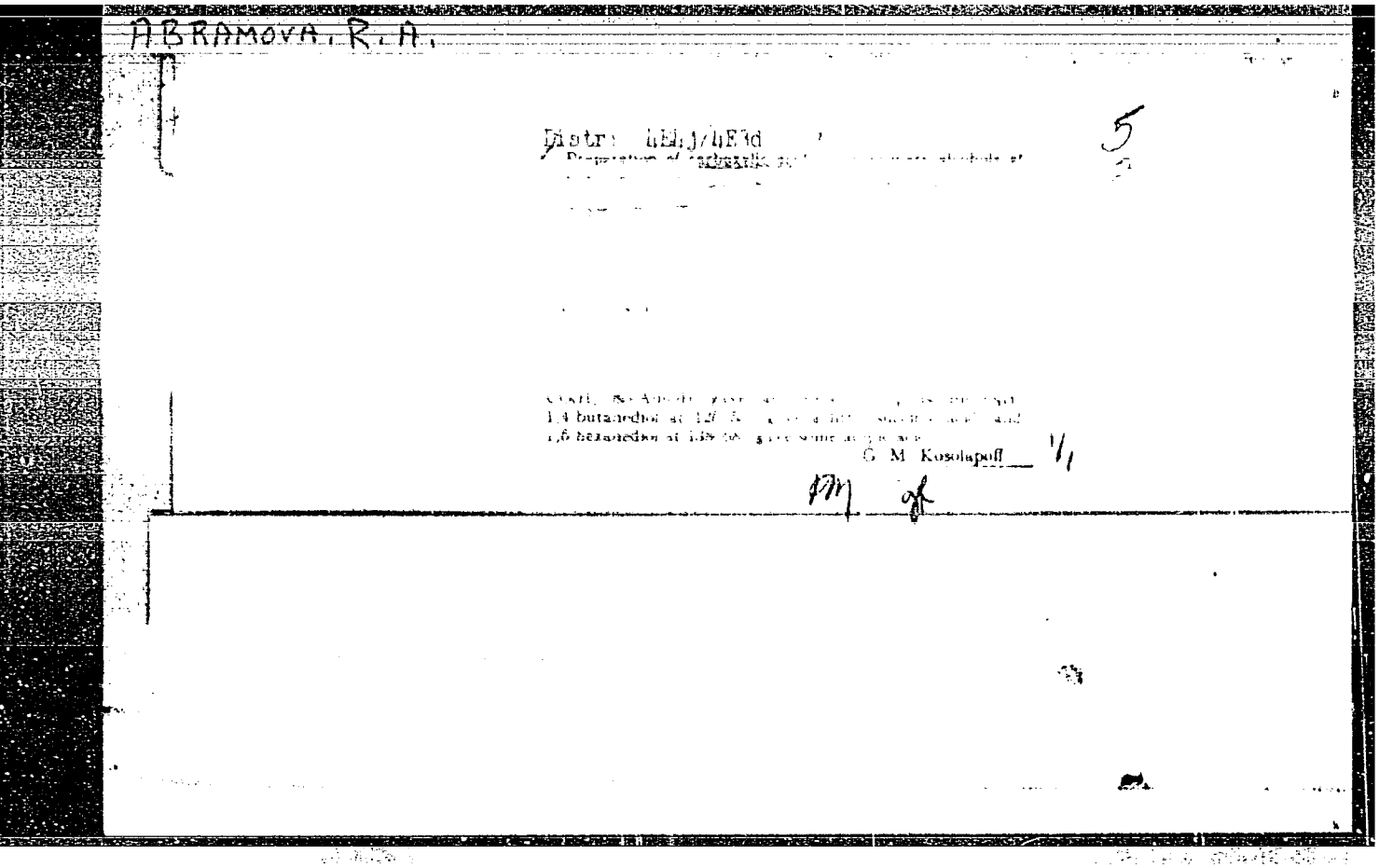
ABRAMOVA, R. A. "The physiology of trace conditioned reflexes in dogs and lower apes." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences)

So: Knizhnaya Letopis', No. 18, 1956



Abs Jour: Ref Zhur-Biol., No 12, 1958, 56056.

feeding-boxes for various periods of time, increasing from 5 to 60 seconds. When the animal was removed for up to 15 seconds, conditioned reflex (CR) developed with the first presentation, but when the interval was increased to 60 seconds, about 70 presentations became necessary. The introduction of a screen, which rose at the end of the tracking interval only, thus giving the animal a free access to the feeding-racks at this point, produced a disturbance of CR which has developed already. The animal again began by preferring to choose the same box to which it had come on previous occasions. The same phenomenon was observed when the interval time was shortened from 2 minutes to 5-30 seconds. After completed training, CR was also pre-



ABRAMOVA, R.A.

5

G M Kosolapoff 1/1

ABRAMOVA, R.A.

Physiology of retarded artificial conditioned reflexes in lower apes. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no. 5:9-16 My '58. (MIRA 11:7)

1. Institut fiziologii AN ArmSSR.
(Conditioned response)
(Baboons)

ABRAMOVA, R.A.

Development of complex conditioned visual and kinesthetic reflexes in lower monkeys. Report No.2. Izv.AN Arm.SSR.Biol. i sel'khoz.nauki 11 no.11:17-28 N '58. (MIRA 11:12)

1. Institut fiziologii im. I.P.Pavlova, AN SSSR, Leningrad.
(CONDITIONED RESPONSE) (MONKEYS)

ABRAMOVA, R.A.

Some comparative-physiological characteristics of dogs and lower monkeys. Izv. AN Arm. SSR. Biol. nauki 12 no.6:25-32 Je '59. (MIRA 12:10)

1. Institut fiziologii AN ArmSSR.
(DOGS--PHYSIOLOGY) (MONKEYS--PHYSIOLOGY) (CONDITIONED RESPONSE)

ABRAMOVA, R.A.

Dynamics of the formation and differentiation of a conditioned visual trace reflex at different intervals in dogs and lower monkeys. Izv. AN Arm. SSR. Biol. nauki 13 no.12:29-40 D '60. (MIRA 13:12)

1. Institut fiziologii Akademii nauk ArmSSR.
(CONDITIONED RESPONSE)

ADUNTS, G.T.; ABRAMOVA, R.A.

Effect of adrenaline on the activity of alkaline phosphatase of rat kidneys (in vivo). Vop. biokhim. 3:125-131 '63.
(MIRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian S.S.R., Erevan.

ADUNTS, G.T.; ABRAMOVA, R.A.

Effect of pair on the functional activity of alkaline phosphatase in the kidneys of white rats. Izv. AN Arm. SSR. Biol. nauki 17 no.2:21-32 F '64. (MIRA 17:8)

1. Institut biokhimii AN Armyanskoy SSR.

ABRAMOVA, R.P., arkhitektor

Building apartment houses of few stories in Italy. Gor. khoz. Mosk. 33 no.10:37-40 O '59. (MIRA 13:2)
(Italy--Apartment houses)

ABRAMOVA, Renata Pavlovna, arkhitektor; RAZINKOV, P., red.; SHLYK, M., tekhn.red.

[Asbestos cement in modern architecture] Asbestotsement v sovremennoi arkhitekture. Moskva, Mosk.rabochii, 1961. 86 p. (MIRA 14:4)

(Asbestos cement)

ABRAMOVA, R.S., inzh.

Foaming agent from a plant of Central Asia. Bet.i zhel.-bet. no.3:142 Mr '61. (MIRA 14:5)
(Saponins)

ABRAMOVA, S.A.; MARCHENKO, O.F.

Materials for the palynological study of the subsalt layer in the Verkhne-Kamskoye potassium deposit. Trudy VNIIG no.40:337-370 '60. (MIRA 14:11)

(Kama Valley--Salt deposits)
(Palynology)

ROMENSKIY, N.V.; CHMYR', A.D.; ABRAMOVA, S.A.; BELOSTOTSKAYA, A.N.

Germination and respiration intensity of corn seeds irradiated by Co^{60} gamma rays in an air-dry state. Izv. vys. ucheb. zav.; pishch. tekh. no.4:17-19 '63.

(MIRA 16:11)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova, kafedra biokhimii zerna.

ABRAMOVA, S. G.

ABRAMOVA, S.G.

Viability of the plague virus in tarbagan pelts dried in the sun.
Izv. Irk.gos.protivochum. inst. 8:141-144 '50. (MIRA 10:12)
(PASTEURELLA PESTIS)
(HIDES AND SKINS --DISINFECTION)

ABRAMOVA, S. G.

USSR/Medicine- Virus Deseases Jan 53

"Distribution of the Virus of Lymphocytic Choriomeningitis Among Rodents," M. I. Levi, N. N. Basova, G. I. Chuyeva, S. G. Abramova, Ukr Inst of Epidemiol and Microbiol imeni I. I. Mechnikov

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 1, pp 52-57

Rodents of various species, including 827 common mice and 33 wild rodents of various species, were caught in urban, suburban, and rural localities. Thirty four strains of the virus of lymphocytic choriomening itis were isolated from common mice, one from a field mouse. The degree of infection of rodents with the virus was hightest in rural, next hightest in suburban, and lowest in urban.

PA 241T15

LETOV, G.S.; ABRAMOVA, S.G.

Pulmonary plague outbreak in Bukhmurin District. Izv.Irk.nauch.-issl.protivochum.inst. 20:107-110 '59. (MIRA 13:7)
(BUKHMURIN DISTRICT (MONGOLIA)--PLAGUE)

KLIMENTOV, Petr Platonovich; PYKHACHEV, Georgiy Borisovich; TOLSTIKHIN, N.I., prof., retsenzent; SHAGOYANTS, S.A., prof., retsenzent; DAVIDOVICH, V.I., dots., retsenzent; ASATUR, K.G., dots., retsenzent; NOVOZHILOV, V.N., dots., retsenzent; PAUKER, N.G., starshiy nauch. sotr., retsenzent; KRASIL'NIKOVA, N.P., ass., retsenzent; ABRAMOVA, S.K., otv. red.; SLAVOROSOV, A.Kh., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Dynamics of underground water] Dinamika podzemnykh vod. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 514 p. (MIRA 14:12)

(Water, Underground)

ABRAMOVA, S.M.

USSR/General Problems of Pathology - Tumors. T-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3163

Author : Abramova, S.M.
Inst :
Title : A Case of Choroid Neuroepithelioma in the Horse.

Orig Pub : Tr. Dagestansk. S.-kh. in-ta, 1956, 8, 187-188

Abstract : A five-year old horse developed cerabral and meningeal signs, i.e., depressed reflexes, locomotor ataxia and, later, paralysis of the hind extremities with uncontrolled micturition and defecation. An autopsy revealed a tumor located in the fourth ventricle near the lateral cerebellar peduncles. The tumor consisted of numerous epithelial islands of various sizes and shapes. In certain areas epithelial cells surrounded villus-like connective tissue protrusions and papillae containing centrally-located blood vessels. A part of the tumor tissue contained a cystic structure with erythrocytes,

Card 1/2

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3163

leucocytes and monocytes within the cystic cavities. The tumor was extremely vascular, the blood vessels were filled with blood.

USSR/Diseases of Farm Animals. Noninfectious Diseases R-2

Abs Jour : Ref Zhur-Biol., No 2, 1958, 2764

Author : Dandamayer Sh. G., Abramova S. M.
Inst : Dagestan Agricultural Institute
Title : Enzootic Ataxia in Lambs in Dagestan

Orig Pub : Tr. Dagestansk. in-ta, 1956, 8, 4853

Abstract : Enzootic ataxia in lambs with manifestations of disturbance of the nervous system, uncoordinated movements, and spasms of brief duration were noted in lambs during the winter-spring period. The lambs were either born sick or became sick during the first 30 days. Strained walking was the first symptom of the disease in such lambs. When moving forward the lambs fell and because of the weakness of their posterior extremities set down like dogs. Lambs that recovered remained in a crippled

Card 1/2

USSR/Diseases of Farm Animals. Noninfectious Diseases R-2

Abs Jour : Ref Zhur-Biol., No 2, 1958, 2764

Abstract : condition. The mortality rate was high. In the pathologico-anatomical respect there were acutely expressed congested hyperemia of the weblike and soft brain membranes and brain matter of the large hemispheres, flabbiness and liquifaction of the white matter of the hemispheres and hemorrhages in the dura matter. In the subdural area of the brain and in the epidural area of the spinal cord there were large quantities of exudate. A histological investigation of the central nervous system and the peripheral nerves of the posterior extremities revealed swelling, intensified argyrophilia, a varicose condition, fragmentation, and tissue decay. Apparently the described disease is analogous to the disease of sheep encountered in different countries because of a lack of copper.

Card 2/2

DANDAMAYEV, Sh.G., dotsent; ABRAMOVA, S.M., assistant.

On the clinical aspects and pathomorphology of enzootic ataxia in lambs in Dagestan. Veterinariia 33 no.1:38-42 Ja '56. (MLRA 9:4)

1.Dagestanskiy sel'skokhozyaystvennyy institut.
(DAGESTAN--SHEEP--DISEASES AND PESTS) (ATAXIA)

ABRAMOVA, S.N.

Guide for determining tulip species of Turkmenistan in the state of fruiting. Izv. AN Turk. SSR. Ser. biol. nauk no.3:81-84 '65. (MIRA 18:9)

1. Botanicheskiy sad AN Turkmenskoy SSR.

RUKOSUYEV, S.G., professor; ABRAMOVA, S.P.

Use of S.I.Spasokukotskii's mixture with an anesthetic in surgery of the gastrointestinal tract. Vest.khir.76 no.10: 39-46 N '55. (MLRA 9:1)

1. Iz kliniki obshchey khirurgii (zav.--prof. S.G.Rukosuyev) Yaroslavskogo meditsinskogo instituta.

(GASTROINTESTINAL SYSTEM, surg.
use of Spasokukotskii nutritive infusion into small intestine)
(INFUSIONS, PARENTERAL
Spasokukotskii nutritive infusion into small instestine in surg. of gastrointestinal system)

ABRAMOVA, T.A.

Palynological characteristics of recent sediments of various genesis in the continental shore area of Sakhalin Gulf. Vest. Mosk. un. Ser. 5: Geog. 20 no.6:17-24 N-D '65.
(MIRA 19:1)

1. Kafedra geomorfologii Moskovskogo gosudarstvennogo universiteta.
Submitted January 19, 1965.

L 10339-67 EWP(j)/EWT(m) IJP(c) RM/DS

ACC NR: AP6009908 (A) SOURCE CODE: UR/0413/66/000/015/0086/0086

INVENTORS: Kolesnikov, G. S.; Tevlina, A. S.; Novikova, S. P.; Levin, B. B.; Chernomyrdina, L. F.; Abramova, T. D.

ORG: none

TITLE: A method for obtaining heat-resistant and chemically stable cationite membranes. Class 39, No. 184427 [announced by Moscow Institute of Chemical Technology im. D. I. Mendeleyev (Moskovskiy khimiko-tekhnicheskiy institut)]

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 86

TOPIC TAGS: ion exchange membrane, monomer, polymer, graft copolymer, fluorine, acrylic acid

ABSTRACT: This Author Certificate presents a method for obtaining heat-resistant and chemically stable cationite membranes by grafting monomer compounds containing ionogenic groups to fluorine-containing copolymers. To obtain membranes characterized by a selectivity in separating the ions of polyvalent metals, a mixture of α-phenylvinyl phosphinic acid and acrylic acid or acrylonitryl is used as the monomer compound.

Card 1/1 mla SUB CODE: 07/ SUBM DATE: 13May65 UDC: 661.183.123.2:678.743-139

ABRAMOVA, T.G.

Vegetation as an indication of the properties of the upper layers of a peat bed. Vest. LGU 2 no.5:103-105 My '47. (MIRA 12:9)
(Peat bogs)

1. ABRAMOVA, T. G.

2. USSR (600)

4. Kochkor District-Pastures

7. Data from field statin observations in the Ukok River Valley of Kochkor District, Kirghiz S.S.R. Trudy Len. ob-va est. 69 no. 3, 1949

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

1. ABRAMOVA, T. G.

2. USSR (600)

4. Botany - Ecology

7. Material for the study of the relationship between plant cover of a swamp and certain properties of the upper layers of the peat deposit. Uch. zap. Len. un. no. 143, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ABRAMOVA, T.G.

Relation of the vegetation cover of marshes to the structure of upper layers of peat deposits. Uch.zap.Len.un.no.167:64-92 '54. (MLRA 9:6)
(Peat bogs)

ABRAMOVA, T.G.

Improving the present-day feed supply in Sosnovo District of Leningrad Province as exemplified by one of the collective farms. Vest. Len.un. 10 no.1:95-108 Ja '55. (MLRA 8:4)
(Sosnovo District (Leningrad Province)--Feeding and feeding stuffs)

ABRAMOVA, T.G.

Marshes of the northern Ladoga region and their agricultural uses.
Vest.Len.un.11 no.12:73-85 '56. (MIRA 9:9)
(Ladoga region--Swamps)

ABRAMOVA, T.G.; KOZLOVA, G.I.

Geobotanical districts of the northern Lake Ladoga region and the Karelian Isthmus [with summary in English]. Vest. LGU 12 no.24: 152-170 '57. (MIRA 11:5)

(Karelian Isthmus--Phytogeography)
(Ladoga region--Phytogeography)

ABRAMOVA, T.G.

Meadows in the western districts of Volozda Province. Vest. LGU 14 no.12:78-91 '59. (MIRA 12:7)
(Volozda Province--Pastures and meadows)

ABRAMOVA, T.G.; BOBOK, B.D.; DVORNIKOVA, L.L.; ROMANOVA, V.P.; FILENKO, R.A.

Natural conditions and some problems of the development of agriculture in the central part of the Karelian Isthmus. Vest.LGU 17 no.6:109-120 '62. (MIRA 15:4)
(Karelian Isthmus—Agriculture)

ABRAMOVA, T.G.

Zoning of bogs in small areas and its importance for agriculture as revealed by the studies in the Karelian Isthmus. Vest. LGU 18 no.18:68-81 '63. (MIRA 16:11)

ABRAMOVA, T.G.

Indicatory significance of the bog vegetation of Leningrad Province. Trudy MOIP 8:77-93 '64.

(MIRA 17:12)

ABRAMOVA, T.G.; KOZLOVA, G.I.

Phytogeographical zoning of Vologda Province. Bot.zhur. 49 no.10:1438-1445 O '64. (MIRA 18:1)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova.

SHIROKOV, S.F., prof.; MAZALETSKAYA, Ye.M.; ABRAMOVA, T.I.; RYBKINA, L.G.

Strepto-endotoxic reaction of leucocyte sedimentation in rheumatic fever in children. Vop.okh.mat. i det. 4 no.4:41-46 Jl-Ag '59.
(MIRA 12:12)

1. Iz kliniki detskikh bolezney Kubanskogo meditsinskogo instituta (dir. - prof. V.K. Suprunov).
(RHEUMATIC FEVER) (LEUCOCYTES)

ACC NR: AT6024287 SOURCE CODE: UR/2976/66/000/005/0247/0257

AUTHOR: Abramova, T. I.

ORG: none

TITLE: Organization of computing process in automatic program preparation for digitally controlled machine tools 14

SOURCE: Moscow. Vysshaye tekhnicheskoye uchilishche. Vychislitel'naya tekhnika, no. 5, 1966, 247-257

TOPIC TAGS: automatic computer programming, computer program, automatic program, industrial automation

ABSTRACT: One of the difficulties in digital control of metal cutting machine tools is the writing of sufficiently universal programs which require minimum modification when machine parts of different shapes are to be produced. The problem of formulating the programs for the trajectory of the metal cutting tool is reduced to the problem of finding the points of intersection of (two circles, two lines, or a circle and a line), or the point of contact between (two circles, line and a circle), or the length ot line segments between the points of intersection or contact of regular geometric figures. Four algorithms (including two with logical variables) and their coding methods for a Ural-2 computer are presented. These algorithms are sufficiently generalized and require no more memory space allocation than is available in computers such as Ural-2 or Minsk-2. When two items of different shapes are

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ACC NR: AT6024287

to be produced in succession it is only necessary to enter data into the computer relating to the new geometry and the constants associated with the second object. Those portions of the program which are not needed in a specific case are automatically deleted. Orig. art. has: 3 tables and 4 figures.

SUB CODE: 09,13/ SUBM DATE: none

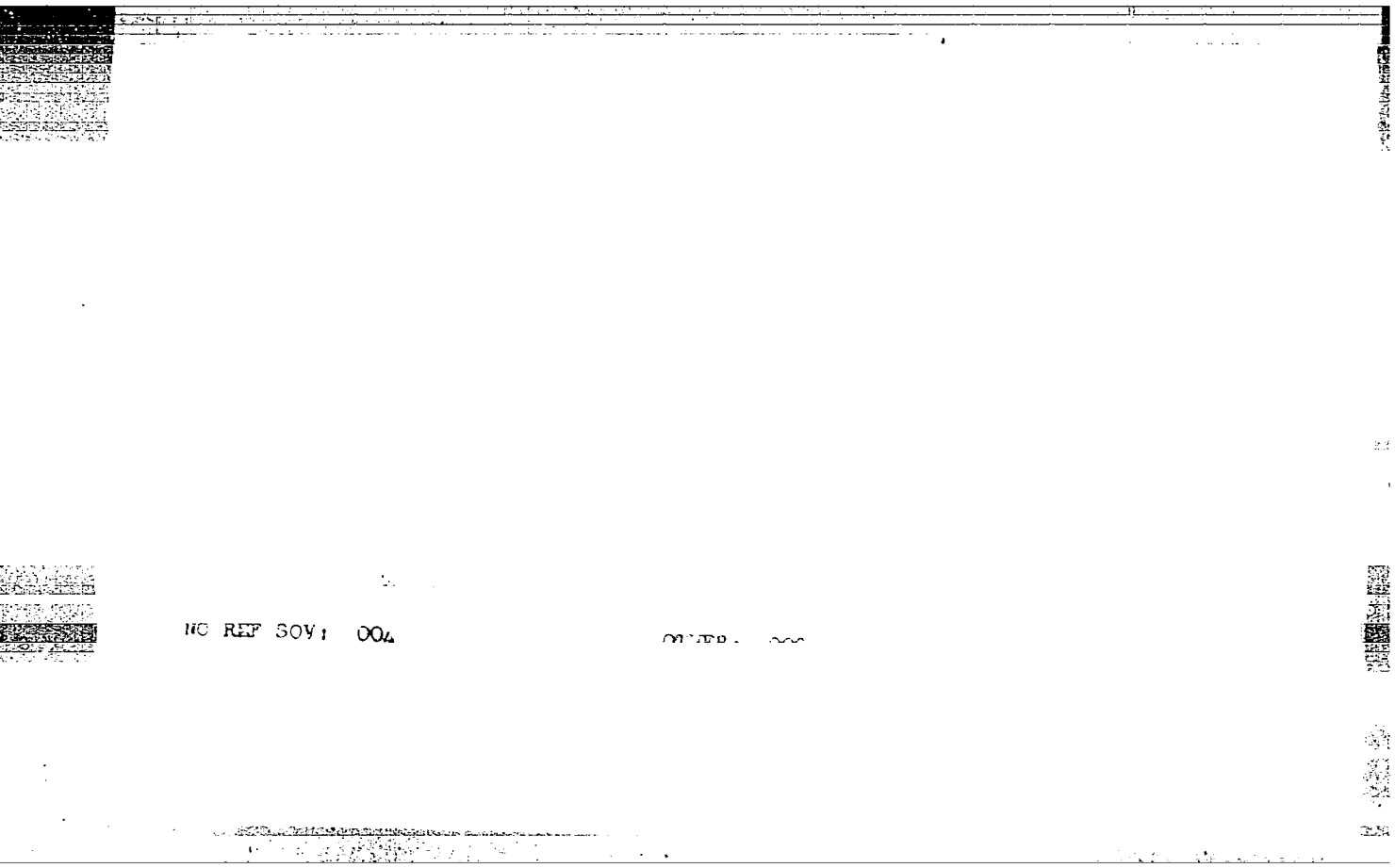
Card 2/2

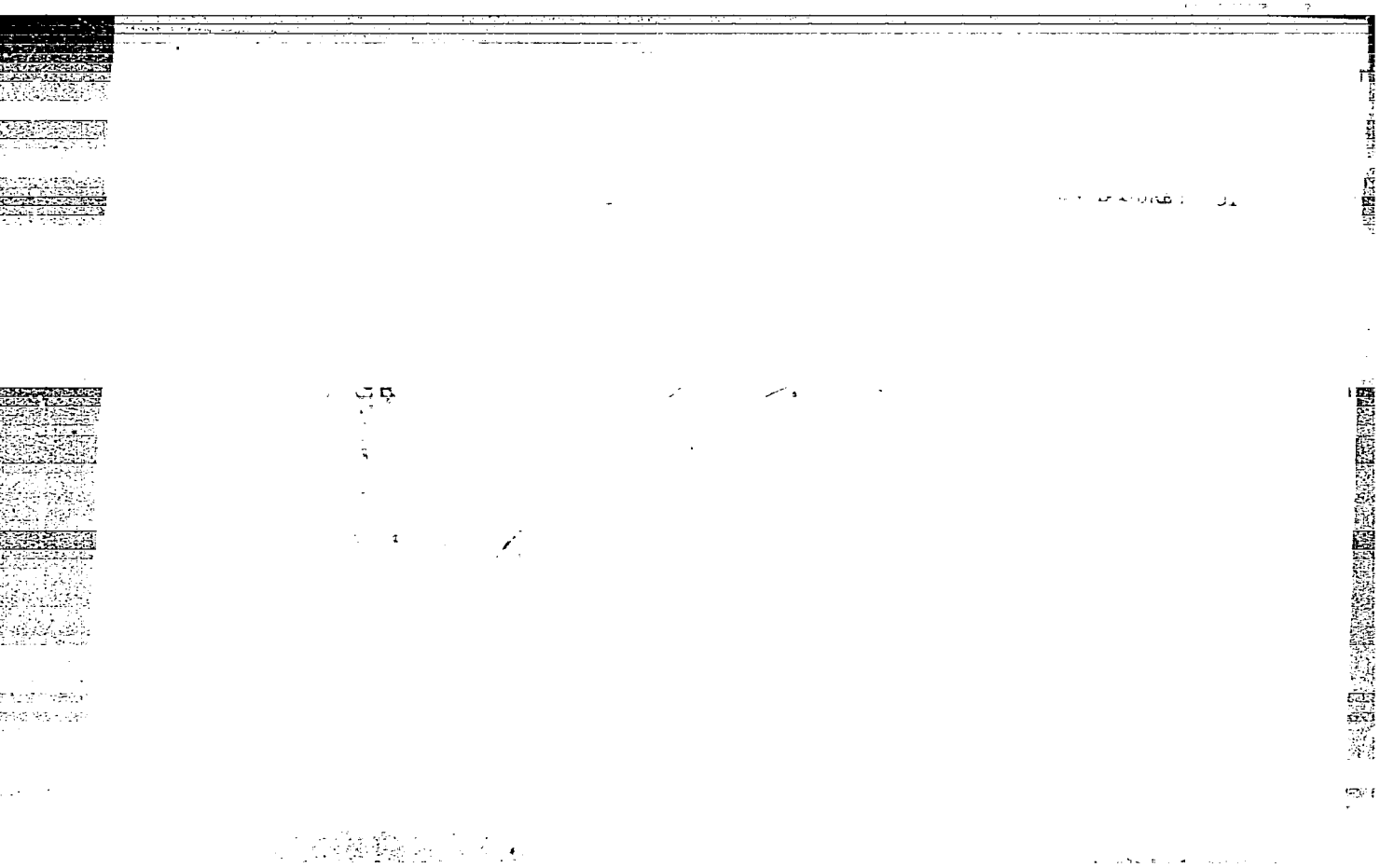
BABIN, I.N.; TROITSKAYA, M.N. Prinimala uchastiye ABRAMOVA, T.K., inzh.

Gas odorization in the gas-supply system of Leningrad.
Trudy VNIIT no.12:168-173 '63. (MIRA 18:11)

1. Tekhnicheskiy otdel Leningradskogo upravleniya magistral'nykh gazoprovodov (for Abramova).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000100210020-5"





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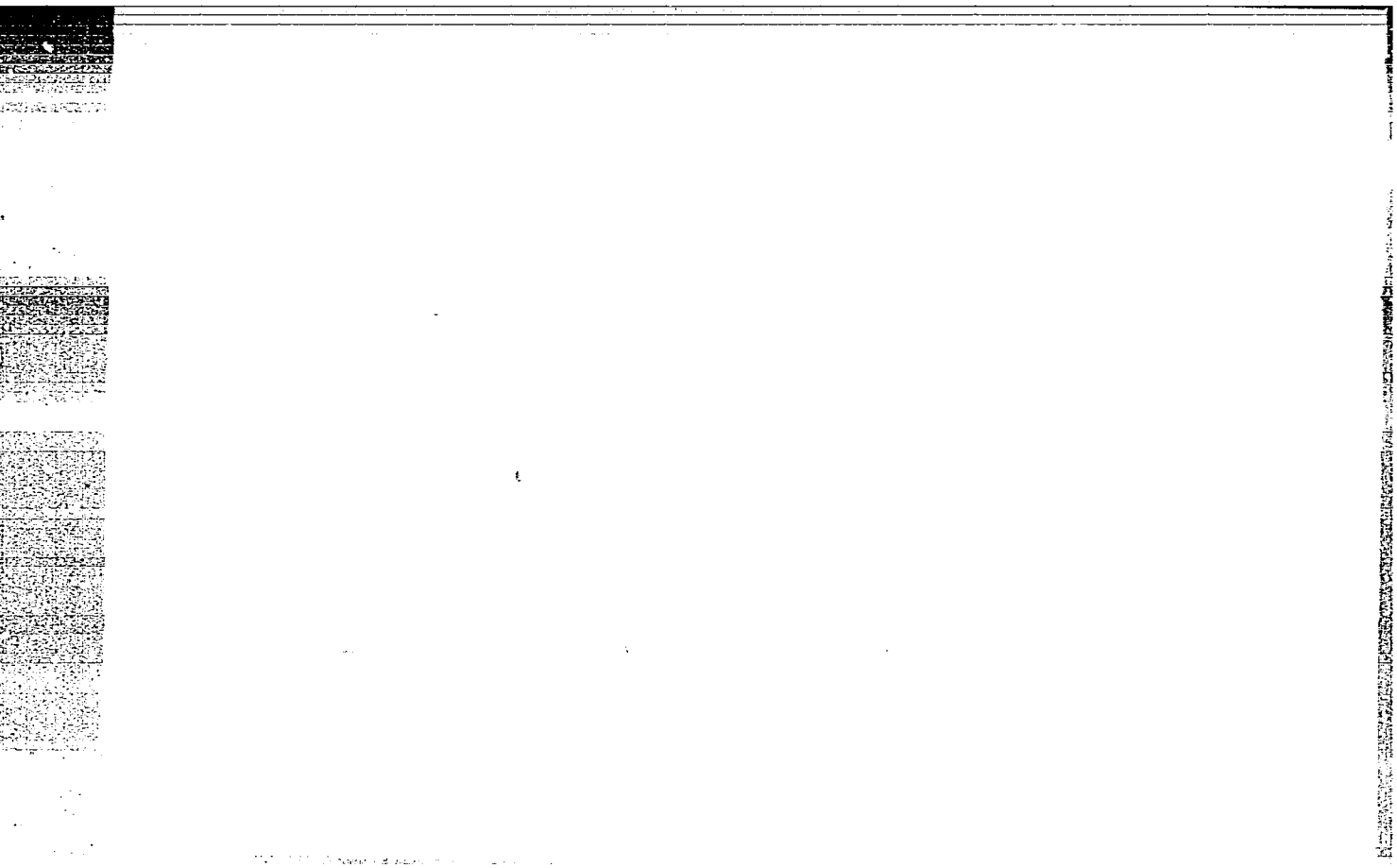

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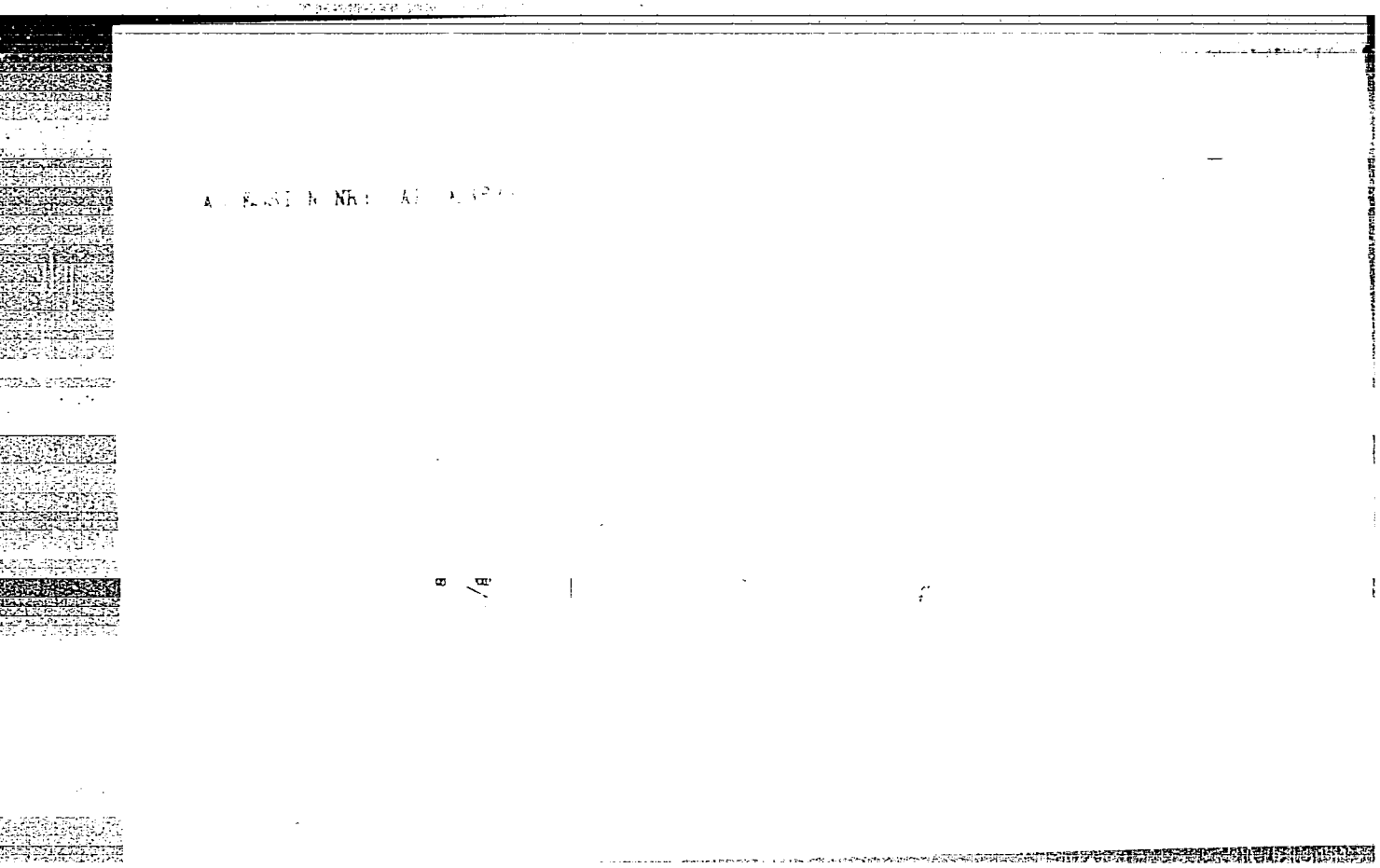

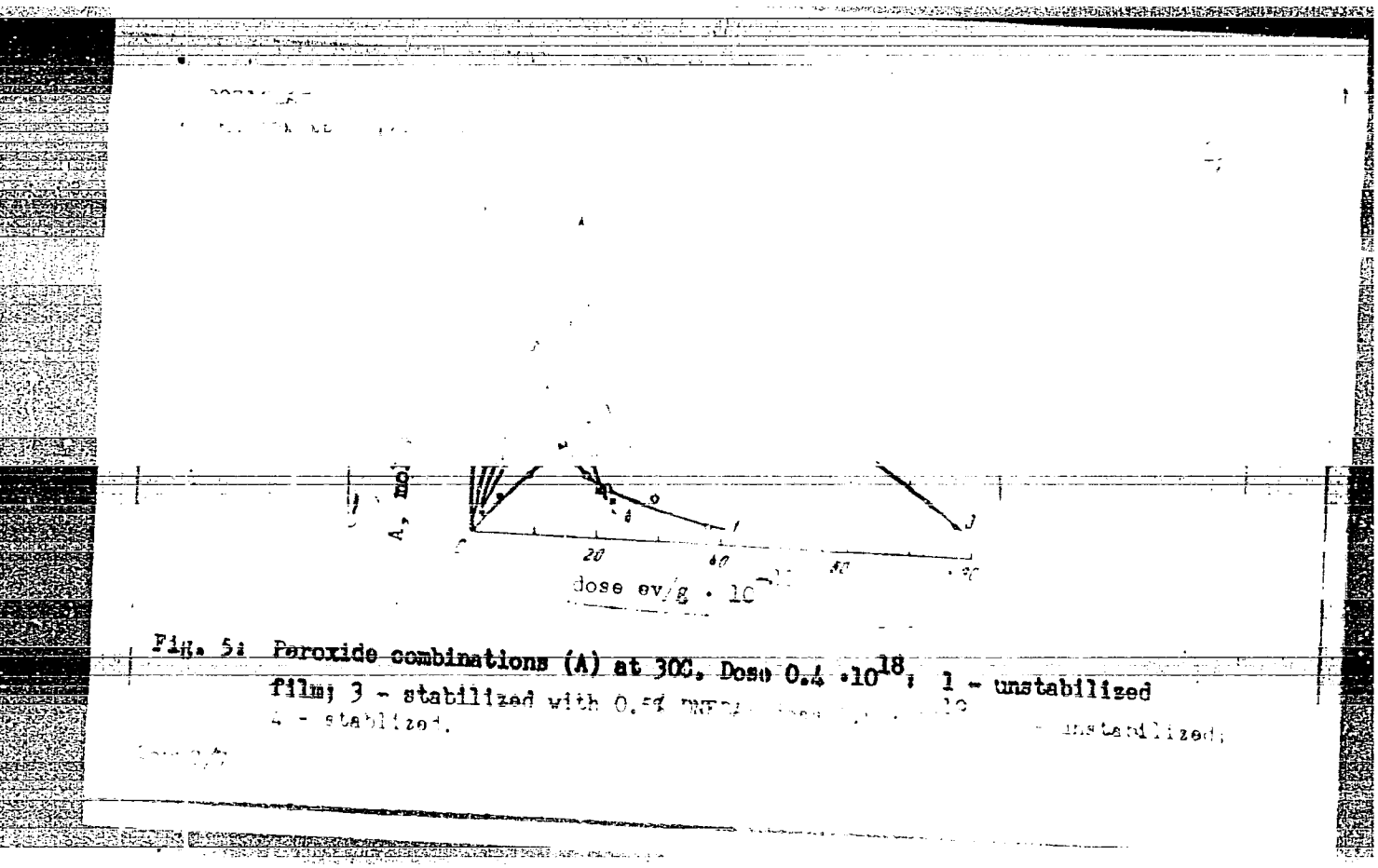

Fig. 5: Peroxide combinations (A) at 30C, Dose $0.4 \cdot 10^{18}$; 1 - unstabilized film; 3 - stabilized with 0.5% [illegible]; 4 - stabilized.

L 13076-65 EWT(d)/EED-2/EWP(1) Pg-4/Pk-4 ...
ISD(d)/AFWL/AFMD(p)/AFETR/SSD/BSD/AFTC(b)/...
ACCESSION NR: AT4046517

TITLE: Method ... [illegible]

SOURCE: Moscow. Vy*ssheye tekhnicheskoye uchilishche. Vy*chislitel'naya tekhnika, no. 4, 1964, 13-26

TOPIC TAGS: digital computer, alphanumeric ... automatic reading, conversion algorithm ... reading

ABSTRACT: The author notes that in the solution of many different problems, the need arises to feed alphanumeric information into the digital computer, and to process it. The extreme complexity of problems of this type is indicated, and three fundamental problems are distinguished in the processing of alphanumeric information: 1) the automatic read-out of the information from the primary document, 2) the automatic re... [illegible]

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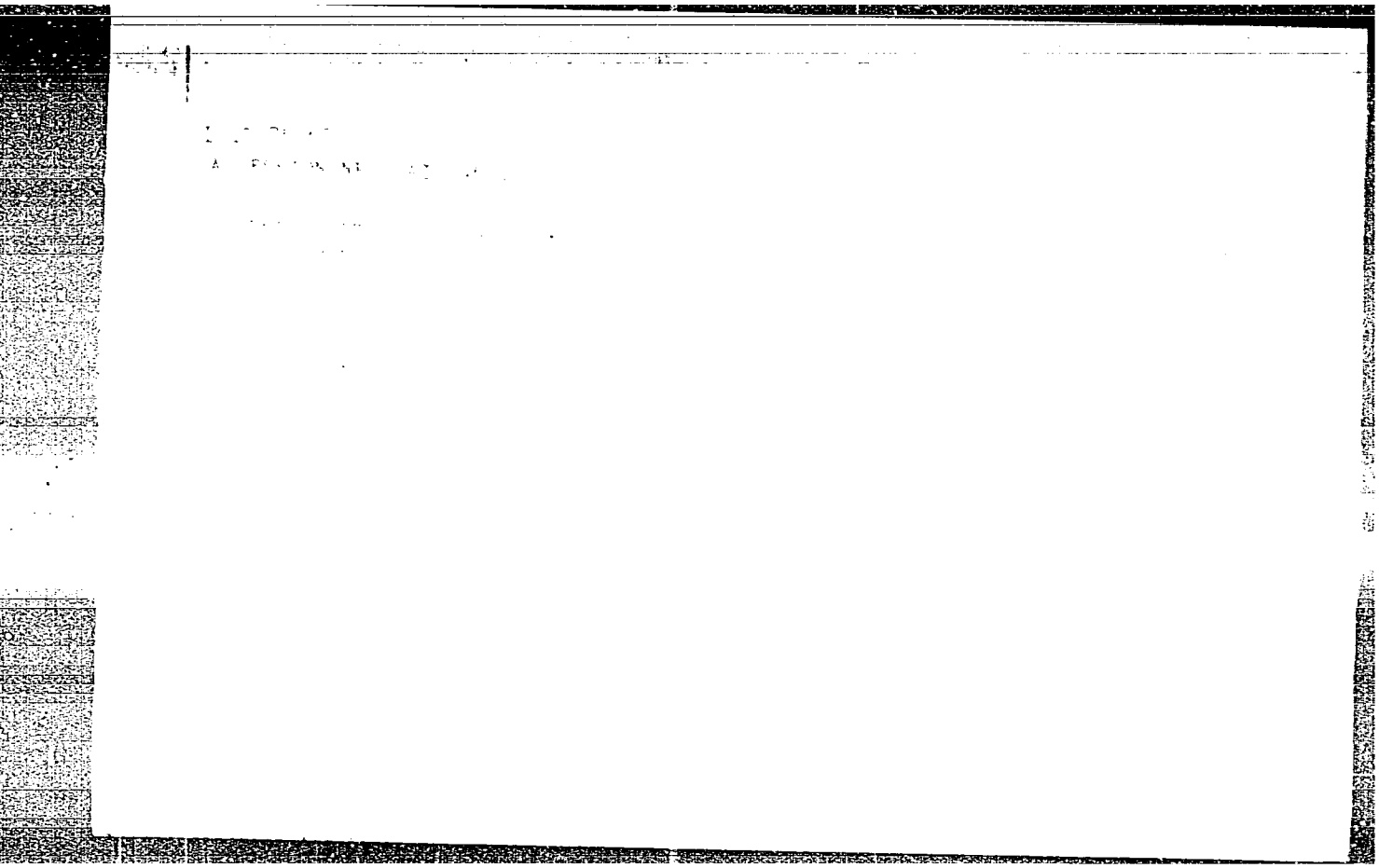
ACCESSION NR: AT4046517

tion represented in a telegraphic code. However, even these machines (for example, the "Minsk-2") are unable to process alphabetic information directly. The present article describes a method for [illegible] alphanumeric information (individual words, word groups, sentences [illegible]

[illegible] the form adopted for the ma[illegible] number in program for the recoding of the alphanumeri[illegible]odes is, in effect, broken down into two programs [illegible] word- and sentence-reading program. The latter adds [illegible] be called the adding program. In the development of these programs, the recurring parts to which repeated access is required [illegible] reading program, [illegible] program, which is the most [illegible] read-out performed on the dev[illegible]. The work into machine codes was checked and verified [illegible] alphanumeric text computer. Working programs for the reading [illegible] texts were compiled. The volume of the working text-reading program [illegible] exceed 150 commands; as a result, the operational machine memory w[illegible]-place binary



APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000100210020-5"

LOGACHEV, N.A.; ABRAMOVA, T.K.

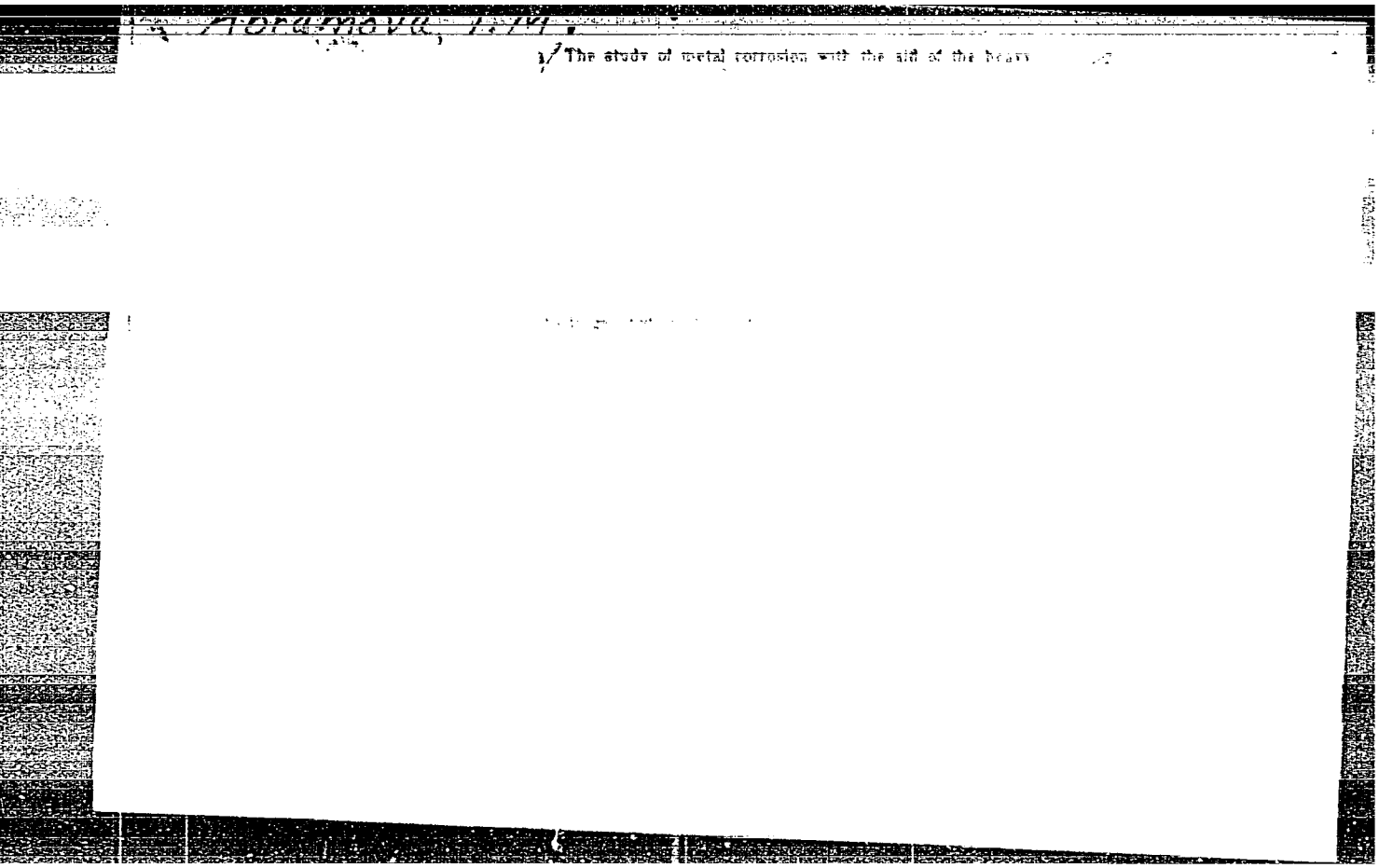
Characteristics of the Cenozoic geology of the southeastern part of the Irkutsk amphitheater. Trudy Vost.-Sib. fil. AN SSSR no.14:114-128 '58. (MIRA 12:3)

(Irkutsk Province--Geology)

ASHKINAZI, M.S.; GLIKMAN, T.S.; ABRAMOVA, T.M.

Effect of inorganic ions on absorption spectra of chlorophyll.
Ikr.khim.zhur.17 no.2:176-180 '51. (MLRA 9:9)

1.Institut fizicheskoy khimii AN USSR.
(Ions) (Chlorophyll--Spectra)



SOV-21-58-9-15/28

AUTHORS: Abramova, T.M., Gankina, I.L. and Fomenko, A.S.

TITLE: Investigation of Cathode Reduction of Oxygen to Hydrogen Peroxide on a Coal-Nickel Electrode (Issledovaniye katodnogo vosstanovleniya kisloroda do perekisi vodoroda na ugol'no-nikelevom elektrode)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 9, pp 974 - 976 (USSR)

ABSTRACT: The process of cathode reduction of oxygen is used in technical production of hydrogen peroxide. However, the mechanism of the reaction which takes place in this process has not been explained thus far. The authors employed the heavy isotope O^{18} in order to clarify the origin of oxygen in hydrogen peroxide, which forms on a coal-nickel cathode in the oxygen reduction. As a result of this investigation it was shown that only molecular oxygen blown through the electrode plays a part in the cathode formation of hydrogen peroxide, but not the oxygen of water. These findings are in agreement with the concept of A.N. Frumkin that hydrogen peroxide

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Investigation of Cathode Reduction of Oxygen to Hydrogen Peroxide on a Coal-Nickel Electrode

formation is due to "newly"-adsorbed oxygen. There are 2 diagrams, 1 table and 10 references, 7 of which are Soviet, 2 English and 1 American.

ASSOCIATION: Institut fizicheskoy khimii imeni L.V. Pisarzhevskogo AN UkrSSR (Institute of Physical Chemistry im. L.V. Pisarzhevskiy of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, A.I. Brodskiy

SUBMITTED: April 21, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration

1. Oxygen--Reduction 2. Hydrogen peroxide--Production
3. Electrolysis

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000100210020-5"

5(4) PHASE I BOOK EXPLOITATION SOV/2216

Soveshchaniye po elektrokhimii. 4th, Moscow, 1956.

Trudy...; [sbornik] (Transactions of the Fourth Conference on Electrochemistry; Collection of Articles) Moscow, Izd-vo AN SSSR, 1959. 868 p. Errata slip inserted. 2,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk.

Editorial Board: A.N. Frumkin (Resp. Ed.) Academician, O.A. Yesin, Professor; S.I. Zhdanov (Resp. Secretary), B.N. Kabanov, Professor, S.I. Zhdanov (Resp. Secretary); B.N. Kabanov, Professor; Ya. M. Kolotyrkin, Doctor of Chemical Sciences; V.V. Losev, P.D. Lukovtsev, Professor; Z.A. Solov'yeva; V.V. Stender, Professor; and G.M. Florianovich; Ed. of Publishing House: N.G. Yegorov; Tech. Ed.: T.A. Prusakova.

PURPOSE: This book is intended for chemical and electrical engineers, physicists, metallurgists and researchers interested in various aspects of electrochemistry.

COVERAGE: The book contains 127 of the 138 reports presented at the Fourth Conference on Electrochemistry sponsored by the Department of Chemical Sciences and the Institute of Physical Chemistry, Academy of Sciences, USSR. The collection pertains to different branches of electrochemical kinetics, double layer theories and galvanic processes in metal electrodepositon and industrial electrolysis. Abridged discussions are given at the end of each division. The majority of reports not included here have been published in periodical literature. No personalities are mentioned. References are given at the end of most of the articles.

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Card 13/34

05824

5 (4), 18 (7) SOV/76-33-10-22/45

AUTHORS: Fomenko, A. S., Abramova, T. M., Gankina, I. L.

TITLE: An Investigation of Metal Corrosion With the Help of the Heavy Oxygen Isotope. II. Moist Atmospheric Corrosion of Cadmium

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 10, pp 2249 - 2252 (USSR)

ABSTRACT: In previous articles (Refs 1,2) the corrosion of iron and magnesium was investigated by means of the heavy oxygen isotope, and it was shown that there was an electrochemical mechanism with oxygen depolarization. In this article the authors investigated the moist atmospheric corrosion of cadmium by the same method and made experiments on the oxygen exchange of the corrosion products of cadmium ($Cd(OH)_2$) with H_2O^{18}. The latter indicated that no exchange took place within 60 hours (Table 1). Since investigations with the help of cadmium filings of the sort KD-0 failed, experiments were made by means of cadmium plating applied to a quartz tube (inner side). 3% NaCl solution served as corrosion liquid which was poured into the tube in a definite quantity together with oxygen at atmospheric pressure. The

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content of O^{18} in the resultant water and gaseous oxygen was determined by mass spectrometric analysis (Ref 3). Experiments were made with the aid of natural water in heavy oxygen atmosphere as well as with H_2O^{18} in a common oxygen atmosphere. Results of measurement (Table 2) concerning the distribution of O^{18} among water, gaseous oxygen and corrosion products indicate that cadmium corrodes according to two parallel mechanisms, i.e. an electrochemical mechanism with oxygen depolarization (as has already been observed by Feitknecht, Wyler (Ref 5), Ya. M. Kolotyrkin and L. A. Medvedeva (Ref 6)) and a chemical mechanism. Investigations of copper corrosion have shown that the exchange of $Cu(OH)_2$ oxygen with water is equilibrated after 48 hours. Accordingly, the afore-mentioned method cannot be applied here. In conclusion, the authors thank Academician A. I. Brodskiy for his help. There are 2 tables and 7 references, 6 of which are Soviet.

05824

An Investigation of Metal Corrosion With the Help of the Heavy Oxygen Isotope. II. Moist Atmospheric Corrosion of Cadmium SOV/76-33-10-22/45

ASSOCIATION: Akademiya nauk USSR,Institut fizicheskoy khimii im. L. V. Pisarzhevskogo,Kiyev (Academy of Sciences of the UkrSSR, Institute of Physical Chemistry imeni L. V. Pisarzhevskiy, Kiyev)

SUBMITTED: March 21, 1958

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67265

SOV/20-129-4-29/60

AUTHORS: Abramova, T. M., Gankina, I. L., Fomenko, A. S.

TITLE: The Mechanism of Hydrogen Peroxide Formation in the Corrosion of Metals

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 4, pp 820-823 (USSR)

ABSTRACT: The authors set themselves the task of finding an answer to the following question: Is the hydrogen peroxide which is formed as an intermediate in the corrosion of metals caused by water and air formed from oxygen of the air, from that of water, or from the oxygen of both? As, according to reference 10, H_2O_2 is formed as an intermediate in the cathodic reduction of O, and O is depolarized also in the corrosion of metals in air, the formation of H_2O_2 from the O in air was probable. In that case its isotopic composition would have to correspond to that of gasepus O. This was checked by the authors by means of O^{18} which was either added to the O blown through the solution corroding the metal, or was admixed to the solution as $H_2O_2^{18}$. The

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The Mechanism of Hydrogen Peroxide Formation in the Corrosion of Metals

approach of the isotopic composition of the H_2O_2 formed to that of gaseous O was actually observed by the authors in the corrosion of Zn, Mg, Sn, Al, and Cd in aqueous solution of H_2O_2 and during the blowing through of O. The experiments were made in the dark at room temperature and took 1 - 24 hours. The H_2O_2 content of the solution was then determined by means of permanganate (in the case of Zn and Cd the insoluble peroxides were dissolved by acidification) and the isotopic composition of H_2O_2 was determined by means of a mass spectrometer. Table 1 shows that in the experiments with $H_2O_2^{18} + O_2^{16}$ the O^{18} content decreases in the H_2O_2 analyzed after the experiment is ended, whereas it increases in the experiments made with $H_2O_2^{16} + O_2^{18}$. The H_2O_2 is thus produced from air-oxygen. A rough calculation of the isotopic composition of H_2O_2 to be expected, carried out, as an example, on Zn, showed a difference of 13% if compared

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The Mechanism of Hydrogen Peroxide Formation in the Corrosion of Metals

with the experimental result. Also the differences found in experiments with other metals are of the same order of magnitude. The following causes are assumed to be responsible: 1) Part of the H_2O_2 formed is immediately again catalytically decomposed by the metal. 2) The O liberated in this decomposition partly again enters into reaction accompanied by the formation of H_2O_2. Attempts at stabilizing the H_2O_2 formed by additions of oxyquinoline, sodium pyrophosphate, sodium silicate etc. were unsuccessful. The authors refer to published data, according to which there is no exchange between the oxygen of H_2O_2 and of air under the prevailing experimental conditions (Refs 14,15), which they were able to confirm by control tests. Thus, as no side-reactions occur, the results obtained by the authors prove that the H_2O_2 is produced in the corrosion of metals from the oxygen in the air. It is finally mentioned that the authors thank A. I. Brodskiy, Academician of the AS UkrSSR, for supervising the investigations, and Engineer I. M. Protas for the mass-spectrometrical analyses

The Mechanism of Hydrogen Peroxide Formation in the Corrosion of Metals

carried out. There are 1 table and 16 references, 3 of which are Soviet.

ASSOCIATION: Institut fizicheskoy khimii im. L. V. Pisarzhevskogo Akademii nauk USSR (Institute of Physical Chemistry imeni L. V. Pisarzhevskiy of the Academy of Sciences, UkrSSR)

PRESENTED: July 13, 1959, by A. N. Frumkin, Academician

SUBMITTED: July 13, 1959

4

ABRAMOVA, T. M.

Cand Chem Sci - (diss) "Study of the mechanism of corrosion of metals by the isotopic method." Kiev, 1961. 12 pp; (Academy of Sciences Ukrainian SSR, Inst of General and Inorganic Chemistry); 170 copies; price not given; (KL, 6-61 sup, 196)

FOMENKO, A.S.; GANKINA, I.L.; ABRAMOVA, T.M.

Isotopic method of investigating the mechanism of hydrogen peroxide decomposition on activated carbon. Kin.i kat. 2 no.5:732-736 S-O '61. (MIRA 14:10)

1. Institut fizicheskoy khimii imeni L.V.Pisarzhevskogo AN USSR, Kiyev.
(Hydrogen peroxide) (Oxygen--Isotopes)

FOMENKO, A.S.; ABRAMOVA, T.M.; GANKINA, I.L.

Decomposition of hydrogen peroxide in the presence of potassium iodate, bromate, and chlorate. Ukr. khim. zhur. 28 no.1:14-17 '62. (MIRA 16:8)

1. Institut fizicheskoy khimii im. L.V. Pisarzhevskogo AN UkrSSR.

BRODSKIY, A.I.; FOMENKO, A.S.; ABRAMOVA, T.M.; FURMAN, Ye.G.; DARIYEVA, E.P.; KUCHTENKO, I.I.; GALINA, A.A.

Electron paramagnetic resonance spectra of radicals arising in X-raying of polyamides. Dokl. AN SSSR 156 no. 5:1147-1149 Je '64. (MIRA 17:6)

1. Institut fizicheskoy khimii im. L.V.Pisarzhevskogo AN UkrSSR. 2.Chlen-korrespondent AN SSSR (for Brodskiy).

ACCESSION NR: AP4033700 S/0073/64/030/004/0376/0384

AUTHOR: Fomenko, A. S.; Abramova, T. M.; Dar'yeva, E. P.; Galina, A. A.; Furman, Ye. G.

TITLE: Oxidative destruction of polyamides. II. Participation of free radicals in the radiolysis and radiation oxidation of polycaprolactam.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 4, 1964, 376-384

TOPIC TAGS: polyamide, polycaprolactam, caprolactam oligomer, oxidation, free radical formation, radiolysis, radiation oxidation, EPR spectra, C N bond rupture, hydroperoxide formation, IR spectra, antioxidant, viscosity, cross linkage

ABSTRACT: The free radicals formed by irradiation of polycaprolactam with cobalt-60, their function in the radiation oxidation of polycaprolactam, and the inhibiting action of an antioxidant were investigated. The electron paramagnetic resonance spectra of polycaprolactam and caprolactam oligomers irradiated with cobalt-60, and the effects of temperature, radiation dose and presence of oxygen on the changes in these spectra are described. The gaseous products of polycaprolactam radiolysis in vacuum are hydrogen and carbon monoxide in a 3:1 ratio and about

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